

Amendments to Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

1. (previously presented) A method for transmitting a web page, comprising steps of:
receiving a request for a web page;
ascertaining if a set of compressed information related to said web page is present in a cache at a first server, the set of compressed information comprising a set of static elements of the web page;
serving the set of compressed information from the cache to a user in response to the request; and
serving a set of dynamic information to the user in response to the request.
2. (previously presented) A method as in claim 1, wherein the receiving step comprises receiving the request by one of an originating server, a proxy encoder server, and a mirroring server.
3. (previously presented) A method as in claim 1, wherein the set of compressed information comprises a compressed version of all elements of the web page.
4. (previously presented) A method as in claim 1, wherein the set of compressed information comprises a Huffman tree corresponding to the web page.
5. (previously presented) A method as in claim 1, wherein the serving step comprises serving the set of compressed information from a mirroring server.
6. (previously presented) A method as in claim 1, further comprising steps of:
ascertaining if the set of compressed information is cached at another location;
obtaining the set of compressed information from the other location; and

caching the set of compressed information at the first server.

7. (previously presented) A method for transmitting a web page, comprising steps of:
identifying a set of static information included in a web page;
compressing the set of static information;
caching the compressed set of static information in a cache at a first server; and
transmitting the compressed set of static information from the cache at the first server to another location in response to a user request.
8. (previously presented) A method as in claim 7, wherein the first server is selected from a group consisting of: an originating server, mirroring server, and proxy encoder server.
9. (previously presented) A method as in claim 7, wherein the location is selected from a group consisting of: a client device and a mirroring server.
10. (previously presented) A method as in claim 7, wherein the compressing step comprises generating a Huffman tree corresponding to the set of static information of the web page.
11. (previously presented) A method as in claim 7, further comprising steps of:
caching the compressed set of static information at a second location; and
serving the compressed set of information from the second location to a client device.
12. (previously presented) A method for transmitting a web page, comprising steps of:
identifying a set of static information and a set of dynamic information included in a web page;

determining if the a compressed version of the set of static information is present
in a cache;

transmitting the compressed version of the set of static information from the
cache to another location; and

serving the set of dynamic elements to a client device.

13. (previously presented) A method as in claim 12, further comprising steps of:
compressing the set of static information; and
caching the compressed set of static information in the cache.
14. (previously presented) A method as in claim 12, further comprising steps of:
compressing the set of dynamic information; and
caching the compressed set of dynamic information in the cache.
15. (previously presented) A method as in claim 28, wherein the step of
decompressing is performed by software that is proximate to the client device.
16. (previously presented) A method as in claim 28, wherein the step of
decompressing is performed automatically by a browser associated with the
client device.
17. (previously presented) A first server apparatus for transmitting a web page,
comprising:
a first cache of compressed static information, the compressed static information
comprising a set of static elements of the web page; and
web service that serves the compressed static information to a user in response
to a request for the web page.
18. (previously presented) An apparatus, as in claim 17, wherein the first server
apparatus is a mirroring server.

19. (previously presented) A system for use on a communication network having the first server apparatus of claim 17 and further having a second server, the second server comprising software programmed to: (i) distinguish static elements from dynamic elements in a web page, (ii) compress the static elements as compressed static information, and (iii) store the compressed static information in a second cache in the second server.
20. (previously presented) A system as in claim 19, wherein the second server is selected from a group consisting of an originating server and a proxy encoder server.
21. (previously presented) An apparatus as in claim 17, wherein the web page comprises both the static elements and at least one dynamic element.
22. (previously presented) A system as in claim 19, wherein the software is further programmed to compare information at the first server or the second server with the compressed static information previously served to a user, calculate the difference as a delta information and compress the delta information.
23. (previously presented) A system for use on a communication network having the first server apparatus of claim 22 and further having a client device associated with a user, the client device comprising software programmed to (i) decompress received compressed static information and compressed delta information and (ii) integrate the static and delta information into a web page.
24. (previously presented) A system for use on a communication network having the first server apparatus of claim 17 and further having a client device associated with a user, the client device comprising software programmed to (i) decompress received compressed static information, (ii) receive dynamic information of a web page and (iii) integrate the static and dynamic information into a web page.

25. (previously presented) An apparatus, as in claim 17, wherein the compressed static information comprises a Huffman tree corresponding to the web page.
26. (previously presented) A method as in claim 1 further comprising a step of decompressing the compressed information at a client device.
27. (previously presented) A method as in claim 7 further comprising a step of decompressing the compressed set of static information at a client device.
28. (previously presented) A method as in claim 12 further comprising steps of:
decompressing the compressed version of the set of static information at the
client device;
receiving the set of dynamic information at the client device; and
integrating the static and dynamic sets into a web page at the client device.